

Applicant Information

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| Applicant Authority Type:: | Inventor |
| Applicant One Given Name:: | Kuo-Chi |
| Family Name:: | Tu |
| Postal Address Line One:: | No. 51, Lane 550, Sec. 1, Wufu Rd. |
| City:: | Hsin-Chu |
| Country:: | Taiwan, R.O.C. |
| Postal or Zip Code:: | 300 |
| Country of Residence:: | Taiwan, R.O.C. |
| Citizenship Country:: | Taiwan, R.O.C. |

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| Applicant Authority Type:: | Inventor |
| Applicant Two Given Name:: | Chun-Yao |
| Family Name:: | Chen |
| Postal Address Line One:: | 3F, No. 80, Hsin-Juang Street |
| City:: | Hsin-Chu |
| Country:: | Taiwan, R.O.C. |
| Postal or Zip Code:: | 300 |
| Country of Residence:: | Taiwan, R.O.C. |
| Citizenship Country:: | Taiwan, R.O.C. |

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| Applicant Authority Type:: | Inventor |
| Applicant Three Given Name:: | Huey-Chi |
| Family Name:: | Chu |
| Postal Address Line One:: | 8F-1, No. 38, Sec. 1 |
| Postal Address Line Two:: | Guangfu Rd. |
| City:: | Hsinchu City |
| Country:: | Taiwan, R.O.C. |
| Postal or Zip Code:: | 300 |
| Country of Residence:: | Taiwan, R.O.C. |
| Citizenship Country:: | Taiwan, R.O.C. |

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| Applicant Authority Type:: | Inventor |
| Applicant Four Given Name:: | Chung-Wei |
| Family Name:: | Chang |
| Postal Address Line One:: | 6F, No. 72-10, Lane 531 |
| Postal Address Line Two:: | Sec. 1, Kuang-Fu Rd. |
| City:: | Hsin-Chu |
| Country:: | Taiwan, R.O.C. |
| Postal or Zip Code:: | 300 |
| Country of Residence:: | Taiwan, R.O.C. |
| Citizenship Country:: | Taiwan, R.O.C. |

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| Applicant Authority Type:: | Inventor |
| Applicant Five Given Name:: | Tien-Lu |
| Family Name:: | Lin |
| Postal Address Line One:: | No. 116, Jinshan Bei 2 Street |
| Postal Address Line Two:: | Jinshan Village |
| City:: | Hsinchu City |
| Country:: | Taiwan, R.O.C. |
| Postal or Zip Code:: | 300 |
| Country of Residence:: | Taiwan, R.O.C. |
| Citizenship Country:: | Taiwan, R.O.C. |
| Applicant Authority Type:: | Inventor |

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| Applicant Six Given Name:: | Hsiao-Hui |
| Family Name:: | Tseng |
| Postal Address Line One:: | No. 22-7, Chongshan 6 th St |
| Postal Address Line Two:: | East District |
| City:: | Tainan City |
| Country:: | Taiwan, R.O.C. |
| Postal or Zip Code:: | 701 |
| Country of Residence:: | Taiwan, R.O.C. |
| Citizenship Country:: | Taiwan, R.O.C. |

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| Applicant Authority Type:: | Inventor |
| Applicant Seven Given Name:: | Kuo-Ching |
| Family Name:: | Huang |
| Postal Address Line One:: | 3, No. 6, Alley 9, Lane 546, |
| Postal Address Line Two:: | Hou-Chung Rd., Nan-Tzu |
| City:: | Kaohsiung |
| Country:: | Taiwan, R.O.C. |
| Country of Residence:: | Taiwan, R.O.C. |
| Citizenship Country:: | Taiwan, R.O.C. |

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| Applicant Authority Type:: | Inventor |
| Applicant Eight Given Name:: | Wen-Cheng |
| Family Name:: | Chen |
| Postal Address Line One:: | No. 22, Alley 3, Lane 16, Sanmin Rd. |
| Postal Address Line Two:: | Chiunglin Shiang |
| City:: | Hsin-Chu County |
| Country:: | Taiwan, R.O.C. |
| Postal or Zip Code:: | 307 |
| Country of Residence:: | Taiwan, R.O.C. |
| Citizenship Country:: | Taiwan, R.O.C. |

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| Applicant Authority Type:: | Inventor |
| Applicant Nine Given Name:: | Tsung-Hsun |
| Family Name:: | Huang |
| Postal Address Line One:: | 2F, 7-1, Ln 13, Minchih St. |
| Postal Address Line Two:: | Chungho |
| City:: | Taipei County |
| Country:: | Taiwan, R.O.C. |
| Postal or Zip Code:: | 235 |
| Country of Residence:: | Taiwan, R.O.C. |
| Citizenship Country:: | Taiwan, R.O.C. |

Correspondence Information

Correspondence Customer Number::000027683

Application Information

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| Title Line One:: | METHOD AND STRUCTURE IMPROVING |
| Title Line Two:: | ISOLATION BETWEEN MEMORY CELL |
| Title Line Three:: | PASSING GATE AND CAPACITOR |
| Total Drawing Sheets:: | 5 |
| Formal Drawings?:: | Yes |
| Application Type:: | Utility |
| Docket Number:: | 24061.46 (TSMC2003-0009) |

Representative Information

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| Registration Number:: | 42,044 |
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Assignee Information

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| Assignee Name:: | Taiwan Semiconductor Manufacturing Co., Ltd. |
| Street of mailing address:: | No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park |
| City:: | Hsin-Chu |
| State or Province:: | Taiwan, R.O.C. |
| Country of mailing address:: | Taiwan, R.O.C. |
| Postal or Zip Code:: | 300-77 |